OMB Control No.1018-0100 Expires: 04/30/2018

NORTH AMERICAN WETLANDS CONSERVATION ACT SMALL GRANTS PROGRAM APPLICATION INSTRUCTIONS

PAPERWORK REDUCTION ACT STATEMENT: This information collection is authorized by the North American Wetlands Conservation Act (NAWCA) of 1989, as amended (16 U.S.C. 4401 et seq.). Your response is required to obtain or retain a benefit in the form of a grant. We estimate that it will take approximately 40 hours to prepare an application, including time to review instructions, gather and maintain data, and complete and review the proposal. An agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a currently valid Office of Management and Budget control number. OMB has reviewed and approved this information collection and assigned OMB Control Number 1018-0100. You may submit comments on any aspect of this information collection, including the accuracy of the estimated burden hours and suggestions to reduce this burden. Send your comments to: Information Collection Officer, U.S. Fish and Wildlife Service, 1849 C Street, NW., Mail Stop BPHC, Washington, D.C. 20240.

North American Wetlands Conservation Act Small Grants Program FY 2016

Proposal Application Instructions

Deadline: November 5, 2015

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Scientific Integrity Policy: Effective 1/28/2011, the Department of Interior established a policy to ensure and maintain the integrity of scientific and scholarly activities used to inform management and public policy decisions: DOI Policy 305 DM 3, "Integrity of Scientific and Scholarly Activities" (http://elips.doi.gov/elips/release/3889.htm). The Scientific Integrity Policy applies to the Department's employees as well as its contractors, grant recipients and volunteers when they analyze or share scientific information with the public or use the Department's information to make policy or regulatory decisions. This policy now applies to all funding applications received by the North American Wetlands Conservation Act grant program. Essentially, the use of false data to leverage grant funds is a direct violation of DOI's Scientific Integrity Policy and requires the refund of any associated Federal assistance.

The Catalog of Federal Domestic Assistance (CFDA) program does not use social media or contact individuals by phone to solicit, review, or make awards. Additionally, no government staff will call or message you requesting money in order to be eligible for an award. Please report any information and documentation that you have related to this incident to the FBI's Internet Crime Complaint Center (IC3) (www.ic3.gov) and your local law enforcement authorities.

NOTE

The following proposal instructions, associated information, and examples are designed to guide applicants already familiar with the purpose, scope, and expectations of the Small Grants Program in preparing and submitting their application. Therefore, to ensure your project proposal's eligibility and to improve its funding potential, **please be sure you first read all of the information provided** on the Small Grants Program's introductory web page and application instructions overview page, located at.http://www.fws.gov/birds/grants/north-american-wetland-conservation-act/small-grants.php

Before you begin preparing your proposal, be sure to read the specific guidelines regarding the eligible use of grant and matching funds, eligible sources of match, and funding-use restrictions provided in <u>Appendix A</u>. This appendix provides summary guidelines and is not a complete list of all eligible and ineligible activities, sources of match, and uses of funding. If parts of your proposal are not addressed in <u>Appendix A</u>, or you are uncertain as to your project's eligibility, please contact the <u>Small Grants Program</u> or NAWCA Small Grants Coordinator: Rodecia McKnight at 703-358-2266 (rodecia_mcknight@fws.gov).

You are also encouraged to contact the coordinator of the Joint Venture where your project is located. Joint Venture staff can provide valuable input to applicants during project development and proposal writing. In addition, each Joint Venture will review all of the proposal submissions from within their region and provide feedback about each project to the scoring subcommittee. If you are unfamiliar with the Joint Venture system, Appendix F contains a map of the Joint Venture administrative areas that will help you identify the Joint Venture where your project is located and direct contact to your Joint Venture Coordinator at the U.S. Fish and Wildlife Service Joint Venture Directory.

If your proposal includes property acquisition, including fee simple purchases and/or conservation easements funded with either grant or matching funds, it is imperative that you review the requirements for real property acquisition assistance stated in the U.S. Grant Administration Standards, http://www.fws.gov/migratorybirds/pdf/grants/USGrantStandards.pdf.

- Acquisitions have stringent documentation requirements.
- Proposal easement, leases, and indirect cost rate agreement:
 - o Copies of easements and leases in place when the proposal is submitted should be attached to the proposal.
 - o Indirect Cost Agreements- If you are requesting grant funds for indirect costs or using indirect costs as match, attach a copy of your current approved negotiated cost rate agreement (and any other former approved negotiated indirect cost rate agreement used to determine match costs in this proposal) signed by your agency.

Remember that grant funds can only be used to fund activities that occur AFTER the grant proposal is received (pre-agreement period) and/or during the two year grant period. Activities completed prior to receipt of the proposal are ineligible for grant funding.

SUBMITTING A PROPOSAL

Federal agencies are exempt from the DUNS, SAM, and EIN requirements, and should submit their application directly to the Division of Bird Habitat Conservation. Federal agencies do not need to submit a SF-424.

Proposals will be returned as ineligible if they do not adhere to the criteria that follow. More information about applying through grants.gov can be found on the www.grants.gov website, on the 'Apply for grants page.' Please be aware that:

- In order to apply for a grant, your organization must complete the Grants.gov registration process. The registration process for an organization or an individual can take between three to five business days or as long as four weeks if all steps are not completed in a timely manner. Register early!
- <u>The SF-424 form</u> must be submitted through Grants.Gov. The remaining sections of the proposal should be submitted to DBHC (including the SF424 forms)via email (see below).
- Before you can view and complete an application package, you MUST have Adobe Reader installed. Application packages are posted in Adobe Reader format. You may receive a validation error using incompatible versions of Adobe Reader. To prevent a validation error, it is now recommended that you uninstall any earlier versions of Adobe Reader and install the latest compatible version of Adobe Reader.
- Due to code requirements within the FBMS, the term "Budget" cannot be used in a file name. "Financial Plan" must be used in its place to avoid data management errors.

Proposal Deadline:

Small Grants Program applications may be submitted at any time prior to deadline, but must be received no later than **4 PM EST on November 5, 2015** in order to be eligible for consideration.

Instructions for submitting the proposal:

- Submission of the SF-424 form via Grants.gov at:
 http://apply07.grants.gov/apply/opportunities/packages/oppF12AS00306-cfda15.623.pdf.
 Grants.gov will send you a confirmation if your submission was successful.
 Alert: Grants.gov will request proposals to be uploaded to their website. However, due to file size restrictions, the only documents that can be uploaded to the Grants.Gov website are the SF-424 and SF-424D forms. Please upload only these two forms to Grants.gov.
- 2. E-mail your full application (which includes the narrative proposal, partner letters, SF-424, and SF-424D, in that order) as **one single PDF file** [*ProjectTitle.*pdf] to: nawca_smallgrant@fws.gov. Do not send separate files.
 - Do not send files that are larger than 5MB. Remember that maps and photos in your application document will increase the file size. Check that your e-mail system and server are capable of sending an e-mail with an attachment of that size.
 - Keep a copy of the "sent" e-mail to document the submission of your proposal before the deadline.
 - Do not send paper copies.

Standard Form SF-424 and SF-424D Assurances Form: All applicants, EXCEPT the U.S. Fish and Wildlife Service and other Federal Agencies, are required to submit a completed Application for Federal Assistance (SF-424) AND Assurances Construction Programs (SF-424D) form along with their proposal application. These forms, with instructions, can also be found at: http://apply07.grants.gov/apply/FormLinks?family=15. Additional information is available in Appendix H.

Submission to Joint Venture Coordinator: Send a copy of your proposal to your <u>Joint Venture</u> Coordinator.

Receipt Confirmation: You will receive an e-mail response within one week of the submission deadline confirming that your application was received. **If you do not receive a confirmation, you should contact one of the program coordinators immediately.**

Timeframe: All proposal applications are processed in the weeks following the application deadline. Final decisions regarding project selections will be made by the North American Wetlands Conservation Council (Council) at its meeting in **February 2016.**

Will I hear anything more after the confirmation email? Approximately one month after the submission deadline, we will send the Project Officer comments requesting clarification or more information.

If selected, when will I get access to the grant funds? The Assistance Award (also referred to as the Grant Agreement) is developed by the Service after the Council has made project selections and clearances, payment arrangement steps, and Federal funding appropriations have been met. Instructions for these steps will be issued after the February 2016 meeting. A Division of Bird Habitat Grants Officer will review the documentation. If the Grants Officer finds any problem related to compliance with law, policy, or administrative procedures, s/he will contact the project officer to seek a resolution. After all problems have been resolved, the Grants Officer will send the recipient a signed Agreement. The grant funding period begins on the date of the USFWS signature on the Agreement. A recipient signature is not required.

When can I start incurring costs? Selected proposals will be eligible for pre-agreement costs. You can begin incurring pre-agreement costs at any time after you have submitted your proposal, but you will not be reimbursed until after official agreements are issued.

How will I receive grant funds?

Recipients must use the U.S. Treasury's Automated Standard Application for Payments (ASAP). Ifyour project is selected, you will be prompted to set up an ASAP account.

BASIC REQUIREMENTS AND PROPOSAL INSTRUCTIONS

Please follow the format below and save the file in a single PDF file, as indicated in step#2 above. Failure to submit a proposal following the required guidelines and formats will make it ineligible.

General Requirements

- 1. All margins should be 1/2 inch.
- 2. All materials must be submitted as a single PDF file.
- 3. Font typeface should be Times New Roman.
- 4. Do not include a cover letter. The Cover Page shown below should be the first page of the proposal.
- 5. Use the same name for landowners and tracts throughout the proposal; do not use more than one name for the same tract or landowner.
- 6. Insert information into the "Small Grants Proposal Application" template as follows:

SMALL GRANTS PROPOSAL APPLICATION (template)

I. COVER PAGE (1 page)

A. General Information

The cover page should contain the following information in the sequence specified.

- Project Title: Enter a short, descriptive, and unique title. Limit it to 30 characters, including spaces. If the proposal is a phase of an earlier funded proposal, use the same title as the earlier proposal but include the appropriate phase number, using Roman numerals.
- Amount of NAWCA funding requested:
- Project Location (include nearest city, state, and county, parish or borough):
- Project location zip code (nearest city):
- Central Coordinates of Project Site (UTM's <u>and</u> Latitude/Longitude in Degrees Minutes Seconds) *Note: For projects with more than one site, please include a central coordinate for each location in the proposal.*
- Congressional District of Project location:
- Coastal or Non-Coastal Project Site (See map in Appendix G)
- Will any of the NAWCA funds requested as part of this proposal be received or spent by the U.S. Fish and Wildlife Service or another Federal agency? *Yes/No*
- Are any carbon sequestration credits involved in your proposal? Yes/No
- Will any portion of any tract or activities associated with any tract be used to satisfy wetland or habitat mitigation requirements under Clean Water Act, Rivers and Harbors Act, Fish and Wildlife Coordination Act, Water Resources Development Act, or other related statutes now or in the future? Yes/No
- How many more proposals are planned for the same project area?
- Applicant Organization:
- DUNS Number:
- Street (of Applicant Organization):
- City, State, Zip (of Applicant Organization):
- Congressional District of Applicant Organization:
- Project Officer: (Please include an address for the PO if it is different than the one listed above)
- Additional Contacts: Please list anyone who will be communicating with us pre- or postaward about the project.
- Telephone Number:
- Facsimile Number:
- Electronic Mail Address:
- Have you confirmed that all partners, key personnel, and contractors are eligible to participate in Federal grants? Yes/No Project officer must confirm that all parties are eligible to participate in Federal grants by checking the Federal Excluded Parties List at: https://www/epls.gov/. If an ineligible party participates in a Federally funded project, all or a portion of the Federal funding may be terminated.
- Has your organization expended more than \$750,000 of Federal funds from any source during the last calendar year?: y/n

(If so, please include a copy of your most recent A-133 audit (as a separate attachment when sending full proposal). If your organization did not expend more than \$750,000 Federal funds last year, please certify that the A-133 audit was not required):

- Date Submitted:
- Officer certifies to the following statement: I have read the FY2016 Small Grant Instructions, eligibility information, and applicable U.S. Grant Administration policies (http://www.fws.gov/birdhabitat/Grants/files/USGrantStandards.pdf), and have encouraged partners to read as well. To the best of my knowledge, the proposal is eligible and complies with all NAWCA, North American Wetlands Conservation Council, and Federal guidelines. The work in this proposal consists of work and costs associated with long-term wetlands and migratory bird habitat conservation. (Insert your signature here. An signature or scanned signature is acceptable)

II. SUMMARY TABLE (1 page)

A. Purpose and Content

- To facilitate data processing and to help ensure the accuracy and completeness of your application information, please complete the <u>summary table</u> available from the link below. (This table does not replace other required parts of the application.)
- Information placed in this table must be based on, and refer only to, the immediate proposal, and not to any larger-scale project of which it may be a part.
- Boxes that appear gray have a drop-down menu. These items appear when the cursor is placed on the box and the arrow to the right of the box is selected. Scroll down the list and click on the one you want to add to the summary table. Do not type in your own information in the gray areas.
- Please try not to oversimplify your answers. For example, the purchase price of a parcel of land should be labeled "Fee Acquired" while Appraisal Fees, Closing Costs, etc. are "Other Acquisition Costs".
- Only include acre values for the following activities: Acquired, Donated, Restoration, Enhancement or Wetland Established. (See note below.)
- If an activity is funded by both grant funds and/or matching contributions please select "Grant/Match" as the funding source.
- Non-match: If an activity is partially funded by non-match, select "non-match." See Sample on MS Excel Summary Table below. Any activity with an acre value (i.e., Acquired, Donated, Restoration, Enhancement or Wetland Established) that is funded solely by non-matching contributions should not be included in the summary table. Grantees are required to accomplish all non-match objectives listed in the table. If acres funded with non-match are not accomplished, the grantee will have to find another way to complete those acres, or return grant funds.
- Numbers in the summary table **must** agree with corresponding data occurring in other sections of the application.
 - o The summary table (section II) must agree with the Financial Plan (section IV) and the SF-424. See *Sample* on MS Excel Summary Table below.
 - o The amounts under "Grant request" + "Matching partners" + "Non-matching partners" **MUST** equal the amount under "Total Project Funding."
 - The amount under "Total Project Funding" must equal the amount under "Activities Total."

• Each grant and match dollar, except for indirect costs, must be linked to an acre acquired, restored, enhanced, or established.

MS Excel Summary Table

- "Additive" and "non-additive" acres: To avoid 'double count' the Federal benefit applied to this property, we use the terms "additive" and "non-additive" acres. "Additive" acres are acres that are new to the project and to the NAWCA and NMBCA programs (i.e., never counted under NAWCA or NMBCA before) and are counted as part of the total affected acres for the project. "Non-additive" acres are acres that were acquired (either in this project or a previous project) and will also be restored or enhanced in the current proposal. Place these non-add acres that are restored or enhanced under the "non-add" column to show that they have already been accounted for under the acquired category.
 - o In the following example, 100 new acres will be acquired in fee title acquisition using grant and match funds. Thirty of these 100 acres acquired in fee will also be restored. FederalThe 30 acres restored are considered non-add acres. Forty of the 100 acres acquired in fee are also enhanced. The 40 acres enhanced are considered non additive acres.

Activity	Additive Acres	Non-Additive Acres
Fee Acquisition	100 acres	
Restored		30 acres
Enhanced		40 acres

II. PROJECT DESCRIPTION AND SCOPE OF WORK, TIMETABLE, AND PARTNER INFORMATION (2 pages maximum)

A. Project Description and Scope of Work

Provide short summaries containing all of the following project information:

- Project Need
- Purpose, Goals, and Objectives
- Work to be done and by whom
- Who owns or will own and manage affected lands (see additional note below regarding the National Wildlife Refuge system)
- For acquisition projects (including e.g., fee title, easement, contracts, leases), please list the known "rights" included with the property acquisition /donation (e.g., water rights, mineral rights)
- For restoration/enhancement projects, please list the known "rights" currently held by the property or easement owner (e.g., water rights, mineral rights)
- Duration of benefits, including length of any land or management contracts, easements or other agreements, maintenance of restoration (usually 25 years), and
- Expected results and how they will be monitored through the full duration of the benefit period.

Project Purpose: In completing section A, first describe the immediate, one- or two-year project. Include the overall purpose, the number of affected acres of wetlands and wetland-associated uplands with a brief description of how they will be affected, and any other information necessary to convey an understanding of what the project involves and what it will accomplish. Then, if your project is part of a broader effort, explain how this specific project fits into the bigger picture.

Refuge Boundary: In completing section A, state whether your proposal will use grant funds to acquire property and who will hold title. If the title to the property is not being transferred/donated to a National Wildlife Refuge (NWR or Refuge), then confirm that the property in question does not lie within the boundary of a Refuge. If you are uncertain, you can contact the realty officer at your nearest Refuge. To find information about the Wildlife Refuges in your area, please go to: http://www.fws.gov/refuges/profiles/bystate.cfm. You can also download GIS shapefiles of the NWR acquisition boundaries by region at: http://www.fws.gov/data/NWRdata.htm.

B. Timetable

Provide a timetable that highlights the accomplishment of major activities. The timetable should:

- Identify matching activities that were completed before the grant proposal was received (this is called old match and cannot be older than two years before 1 January of the year of proposal submission);
- Identify match and project activities to be completed either during the project period (1 or 2 years) or during the pre-agreement period, which begins the dayafter the proposal is received by USFWS and ends when the grant agreement is signed; and
- Provide completion dates for old match activities and estimated completion dates for new match/grant activities.

C. Partner Information

- Partners are individuals or organizations that provide a financial contribution (cash or inkind) to the project.
- Provide the following information about each partner, including name, affiliation, roles, and contributions (financial and otherwise) to the project.
- All partners listed here should also be included in Section VII.A of the proposal, as well as listed as Matching or Non-Matching Partners in the summary table.

Guidelines for Partner Contribution Statements:

- Each matching partner listed in the proposal must complete a partner contribution letter, including the applicant and private landowners who provide funds or donate title to the property.
- These letters need to be signed, dated, and submitted with the proposal.
- Each letter should state the amount of matching and non-matching funds the partner will commit.
- Failure to submit a partner letter will result in a reduction in your matching contribution by the value of said partner's contribution. If this reduction causes the grant-to-match ratio for your proposal to fall below 1:1, your proposal will be ineligible.

- You are also encouraged to submit similar letters for each non-matching partner (including Federal partners), especially if the non-matching contribution is of significant value in relation to the requested grant funds.
- To view a sample partner contribution statement, see <u>Appendix B</u>. We will only accept properly formatted Partner Contribution Statements as verification of partner match. Submitting partner letters that do not follow the format in the guidelines will adversely affect the review of a proposal and may result in the contribution being considered nonmatch.
- If you want to show support from non-funding sources, do not send statements, but instead include a statement in the proposal such as "To illustrate the overwhelming support for this proposal, we have 10 letters on file from landowners and State and Federal representatives."
- The applicant's statement should not be a cover or transmittal sheet for the proposal.
- The contribution amount on the statement must be the same as the amount shown in the proposal for that partner. If the amount differs in any section of the proposal or on the statement, the lesser of the two will be considered the partner's contribution. If there are many such inconsistencies in the proposal, it will be returned as ineligible.

IV. PROJECT FINANCIAL PLAN (1 – 2 pages)

A. General Requirements

The proposal should contain a detailed budget table showing total project costs in the following format:

- List the total cost per project activity (e.g., \$ for acquisition or restoration) and apportion these costs between grant dollars, matching partner dollars, and, if applicable, non-matching Federal (or Federal-source) dollars provided by each partner.
- Budget categories must be line items that specifically describe project costs (e.g., "salaries," "contractor services," "equipment," or "supplies"). Similar costs can be lumped into categories (i.e., "equipment" as opposed to separate line items for *tractor rental*, *backhoe rental*, and *300 feet of pipe*).
- The "acquisition" budget category should be reserved for the land value. Other eligible acquisition costs, such as *appraisals* or *closing costs* should be labeled "other acquisition costs."
- All costs associated with old match are considered "in-kind" contributions.
- In a separate column, provide the number of acres to be affected by the funds expended for acquisition, restoration, enhancement or wetland creation.
- Proposals that keep grant administration, overhead, and indirect costs (activities not directly associated with acquisition, restoration, enhancement or establishment) below 20% of the grant request are more competitive. As an exception, if your organization has an officially negotiated indirect cost rate agreement (NICRA) with a US Federal agency, you may use your negotiated rate even when it exceeds 20 percent. However, having a cost that is lower than the negotiated rate may make your proposal more competitive.
- The budget table numbers must agree with those in the summary table and include categories for all acreages listed in the summary table
- Do not include categories that do not apply to your immediate, 1- or 2-year project.

B. Financial Plan Template

Use the financial plan template provided in <u>Appendix C</u>. Modify the number of partner and activity columns as needed. You can also use the budget activity categories from the <u>Summary</u> <u>Table</u> to help with the budget table.

Financial plan categories must be line items that specifically describe project costs. <u>Please check</u> the figures listed to ensure they correspond with the budget numbers listed elsewhere in the proposal (particularly the Summary Table), in partner letters, or for grant and match funds only on the SF 424.

V. MAP OF PROJECT AREA (2 pages maximum)

Provide at least one map of the project area. If the project area is large and cannot be included on just one map then an additional map is preferred. The map(s) should include:

- Proposal title;
- Location of the ENTIRE proposal area (all grant, match, and non-match tracts) within state(s) and counties;
- Identification and location of all fee-title, easement and lease tracts (or acquisition priority areas, if tracts have not been identified);
- Identification and location of all restoration and enhancement tracts, major water control structures and other major restoration/enhancement features;
- Location of natural features (rivers, lakes) to show how proposal fits into natural landscape;
- Sufficient detail and/or reference points (e.g., roads, cities, landmarks);
- Location of previous grant and future proposal sites;
- Latitude and longitude coordinates along the map's edge or for the center point of the project site(s);
- A GIS compatible polygon of the proposal boundary;
- Large-scale detail (e.g., 1 inch = 1 mile, or greater); and
- Color maps are preferred.

VI. PHOTOGRAPH(S) OF PROJECT AREA (1 page, optional)

Photographs of the project area are desirable, but not required. If included, each photo should be accompanied by:

- a short, descriptive caption;
- the photographer's name/organization; and
- any copyright restrictions that may apply.

VII. SMALL GRANTS EVALUATION QUESTIONS (2 pages maximum)

Briefly explain how your proposal addresses the following elements in each category. Answers to these questions will help proposal reviewers evaluate the conservation value and the strength of the proposed project. Be sure to provide clear, succinct answers which will help us understand the full benefits of the project proposed.

A. Partnerships

- Does the project involve a new partner or partnership concept?
- Is this project proposed by a new applicant who has not previously received a NAWCA grant?

- How does this project encourage additional support (e.g., new partners, funding support, local or other governmental support) for migratory bird and wetlands conservation?
- Who are the partners (list each one) and how are they contributing to the project (e.g., in-kind/cash match contribution, technical assistance)?

NOTE: All partners described here should be listed in both Section III.B and the Summary Table. This should not just be a copy of the list of partners provided in Section III.B. It should provide more information about the partners and their individual contributions to the project.

B. Waterfowl

• How will the completed project benefit waterfowl? Be sure to reference individual species whenever possible, especially the priority populations/species listed below.

NOTE: Focus on those species that the project is designed to substantially benefit. Consider the typical geographic range of the population or species; do not cite benefits for species that are casual or accidental in occurrence.

High Priority Populations/Species: Tule Greater White-fronted Goose, Dusky Canada Goose, Cackling Canada Goose, Southern James Bay Canada Goose, Northern Pintail, Mottled Duck, American Black Duck, Mallard, Lesser Scaup, Greater Scaup Other Priority Populations/Species: Pacific Greater White-fronted Goose, Wrangel Island Snow Goose, Atlantic Brant, Pacific Brant, Wood Duck, Redhead, Canvasback, Ring-necked Duck, Common Eider, American Wigeon.

C. Nongame and Other Wetland-Associated Migratory Birds

• How will the completed project benefit nongame migratory birds, particularly those listed in the tables in Appendix D? Focus on those species that will benefit most from the project.

NOTE: The bird conservation plans websites provide further information (with contact information for the plan coordinators):

- o Partners in Flight (songbirds): http://www.blm.gov/wildlife/pifplans.htm
- o US Shorebird Conservation Plan: http://shorebirdplan.fws.gov)
- o North American Waterbird Conservation Plan: http://www.waterbirdconservation.org
- o Joint Venture plans: http://www.fws.gov/birds/management/bird-conservation-partnership-and-initiatives/migratory-bird-joint-ventures/joint-venture-directory.php
 - Contact <u>Ken_Kriese@fws.gov</u> for national coordination, or contact individual Joint Venture Coordinators through the above link.

D. Endangered Species

- Will the completed project benefit any endangered birds or other endangered wildlife, including Federal and/or state-listed species?
 - **Note:** A list of Federally-listed endangered and/or threatened species, maintained by the U.S. Fish and Wildlife Service, can be found here: http://www.fws.gov/endangered/wildlife.html#Species.
- Address only those project activities which will contribute directly to a Federally-listed threatened/endangered species recovery plan or that will provide critical habitat for Federal or state-listed threatened or endangered species.

• Indirect, minor, or unknown benefits related to such species which may use the project area should not be included.

E. Wetlands Types

- What type(s) of wetlands <u>in this project</u> will benefit from the completed work? Refer to the list of wetland types provided in <u>Appendix E</u>.
- Provide the total project acres/hectares and quantify, using percentages, the amount of each type of wetland involved.
- Keep the explanation clear and the numbers consistent; acre/hectare figures here must agree with those provided elsewhere in the proposal.

F. Special Considerations

• Are there any special considerations, outside of sections A-E above, that you feel should be factored into project evaluation (e.g., outstanding ecological resource value, threats, historical record, opportunities, conservation trends, or benefits not represented elsewhere)?

G. Climate Change and long-term conservation

Please provide a <u>brief</u> narrative describing the significance of the proposal with regard to long-term conservation, including how the project might help address climate change concerns.

H. Public Access

Briefly indicate the degree of public access (e.g., hunting, fishing, hiking) that will be allowed on the proposal grant and match tracts. If public access is not allowed, please explain why not.

VIII. TRACT TABLE

- Ensure that each tract involved in the proposal is identified in all relevant sections of the proposal (summary table, financial table, and narratives).
- Landowner and tract names must be consistent, i.e., have the same name, throughout the proposal.
- The tract location (latitude/longitude) information is mandatory.
- Should your proposal be awarded a grant, you will be asked for actual accomplishments of your proposal in this format as part of your final report. This data will be used in Government Performance Results Act reporting.

Please provide the following information for each tract.

- Tract name (use the same name throughout proposal).
- Wetland acres, upland acres and riparian miles within each tract.
- Funding category (grant, old match, new match or combination).
- Funding source (for non-matching partner tracts, enter the partner's name and "non-match").
- The county the tract is located in.
- A central tract location point (latitude/longitude in decimal degrees)
- Title holder (name) after the project is completed.
- If an easement is acquired, give the names of both the fee and easement holders.

***Definitions** (Extracted from USFWS Strategic Plan 2000 – 2005):

Riparian: A landscape position. Llands contiguous to perennial or intermittent streams, channels and rivers. Riparian areas may include upland, wetland, and riparian plant communities. Riparian plant communities are affected by surface or subsurface hydrology of the adjacent water source. Riparian plant communities have one or both of the following characteristics: 1) distinctively different vegetative species than adjacent areas, and 2) species similar to adjacent areas but exhibiting more vigorous or robust growth forms.

Upland: Land lying above the level where water flows or where flooding occurs. May include restored cropland. **Wetland**: "Wetlands are lands transitional between terrestrial and aquatic systems where the water table is usually at or near the surface or the land is covered by shallow water. For purposes of this classification wetlands must have one or more of the following three attributes: (1) at least periodically the land supports predominantly hydrophytes; (2) the substrate is predominantly undrained hydric soils; and (3) the substrate is nonsoil and is saturated with water or covered by shallow water at some time during the growing season of each year." (Cowardin et al. 1979. Classification of Wetlands and Deepwater Habitats of the United States)Wetlands include areas meeting specific criteria included in the 1987 Corps of Engineers Wetlands Delineation Manual, as well as in the USDA-NRCS's National Food Security Act Manual.

Tract name/	Activity	Wetland* Acres	Upland* Acres	Riparian* Miles	Funding Category	Funding Source	County and State	Central Tract Location in Decimal Degrees	Final Title Holder
	Fee acquistion								
	Easement acquisition								
	Restoration								
	Enhancement								

ATTACHMENTS

Include the following additional elements after the narrative proposal, in this order. Create a single PDF file of all elements, Email the full proposal to FWS. This file should not be larger than 5MB.

- Partner Contribution Statements
- SF-424, SF-424D
- Copies of existing easements, leases, and deeds, and models/templates for easements and leases to be acquired during the project period.
- Indirect Cost Rate, if applicable.
- Copy of SF-LLL, Disclosure of Lobbying Activities Form (required only if the applicant has lobbying activities to disclose). For more information go to: http://www.whitehouse.gov/sites/default/files/omb/grants/sfillin.pdf.
- Statement regarding applicability of and compliance with OMB Circular A-133 Single Audit Reporting (see cover page). EXCEPTION: If A-133 applies to you, send the most recent audit as a separate attachment when submitting proposal.
- Provide a single GIS shapefile that contains all polygons representing the location of each of the tracts involved in the project. Use a WGS 84 projection. The attribute table should contain a name for each polygon that corresponds to a tract listed in the proposal work plan. If the

applicant is undertaking a project where an exact activity location cannot be determined when the proposal is written (e.g., easement acquisition in the prairie potholes), then the applicant should include a single polygon that encompasses the larger project area where the activities are targeted to occur.

Appendix A:

All Eligible costs must be directly linked to eligible acquired, restored, enhanced, or established acres that are completed DURING the project period.

Grant funds may be used for project activities necessary to meet proposal objectives that occur:

- during the two-year project period (starting the date in which the grant agreement is signed); or
- during the pre-agreement period (after the proposal is received but before the grant agreement is signed).

Note: Project costs incurred after receipt of the proposal **will not** be reimbursed if the proposal is not approved for funding. **In addition**, project activities that occur before the receipt of the proposal are ineligible as a grant activity and will not be reimbursed with grant funds.

Grant funds can only be used for activities that occur from the day the grant proposal is received by the USFWS through the end of the grant period. In addition, all activities (grant or match) MUST be completed before the end of the two year grant period.

Refer to 2 CFR 200 to the following "Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards":

Applicability of the publication depends on the type of organization that will spend the grant funds.

• 2 CFR 200, "Uniform Administrative Requirements for Grants and Cooperative Agreements with Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations,"

Specific examples of costs that are eligible to be paid with NAWCA Grant Funds follow:

- **I. Acquisition**: This category includes fee-title acquisition and donation (transfer of title), conservation easement and lease acquisition and donation; appraisal fees; acquisition negotiations; acquisition legal costs; boundary surveys; travel and transportation, and annual payments for 10 year conservation agreements (or the maximum duration allowed by state law).
 - **A.** Easement and lease conditions should address the following points. Organizations and agencies are encouraged to adopt and implement the practices and procedures described in the Land Trust Alliance's Land Trust Standards and Practices (from www.lta.org).
 - **B.** The acquisition must be completed before the end of the project period.
 - C. A Notice of Grant Requirements will be recorded for tracts.
 - **D.** Property acquisition costs are incurred at the time of transfer of title, not when signing a purchase agreement. Therefore, a contractual obligation to purchase real property (purchase agreement, etc.) may be made at any time and, as long as title is transferred after the proposal is received, the costs associated with the purchase can be reimbursed with grant funds.
 - **E.** All real property acquisitions must be from willing sellers. Prior to making an offer for the property, the buyer must inform the seller that the buyer will be unable to acquire the property in the event negotiations fail to result in an amicable agreement and must inform the seller what the buyer believes to be the market value of the property. If the buyer is an agency that has eminent domain authority, then additional assurances will be required to be in the notice (see appropriate standards and regulations).
- II. Wetland restoration. The manipulation of the physical, chemical and/or biological characteristics

of a site with the goal of returning natural/historic functions to a former or degraded wetland is considered restoration. Restoration can further be defined as either <u>re-establishment</u> (returning natural/historic functions to a former wetland resulting in a gain in wetland acres) or <u>rehabilitation</u> (repairing natural/historic functions of a highly degraded wetland resulting in no gain in wetland acres). Rehabilitation is considered a one-time action.

This category includes engineering and design costs that lead to restoration activities occurring during the project period or allowed as old match, travel and transportation, material and supply costs, and equipment (including all-terrain vehicles) with a current value of \$5,000 or more secured by the most cost-effective and feasible method. See the applicable CFR information cited above and the following decision tree for equipment valuation. This category does not include periodic repair/maintenance activity. This category does include restoration work on upland associated habitat.

III. Wetland enhancement. The manipulation of the physical, chemical and/or biological characteristics of a wetland site to improve specific functions of the wetland is enhancement. The result produces no gain in wetland acres.

This category includes the same eligible costs as restoration above, plus nest boxes; habitat islands; and initial land management costs caused by the proposal (e.g., fencing and signing). This category does not include periodic repair/maintenance activity. This category does include enhancement work on upland associated habitat.

- **IV. Wetland establishment.** The manipulation of the physical, chemical and/or biological characteristics present to develop a wetland that did not previously exist. The result produces a gain in wetland acres. This category includes the same eligible costs as restoration above.
- **V. Other** direct long-term wetlands conservation work [e.g., administering the NAWCA grant agreement; conducting required state and Federal compliance activities (e.g., permits, National Environmental Policy Act compliance, and contaminants surveys); and conducting work that cannot easily be assigned to other activity categories].
- **VI. Indirect costs.** These costs are different from directly attributable administrative costs and must be supported by a negotiated Indirect Cost rate approved by the Federal government.
 - Organizations (except State and local governments or tribes) can charge up to 10% indirect cost rate indefinitely and are not contingent on any intent to get a negotiated indirect cost rate agreement(NICRA), provided that they have never had a NICRA before. See also 2CFR 200414(f).
 - Indirect costs can be charged on surveys and appraisals but not on acquisition cost or title work.

VII. Salary costs (with the exception of travel expenses) associated with USFWS Term/Temporary/Seasonal/Intermittent Employees actively working on NAWCA projects.

<u>Matching Funds</u>: Generally, all items listed as eligible grant costs are also eligible as match costs. The following list describes certain additional conditions for costs to be eligible as NAWCA Match. Matching funds may be used for project activities necessary to meet proposal objectives that occur either:

- during the two-year project period (starting the date in which the grant agreement is signed)
- during the pre-agreement period (after the proposal is received but before the grant agreement

is signed)

• no earlier than 2 years prior to the date the proposal is submitted (back to beginning of calendar year),

And they:

- must at least equal the grant request
- must be documented by a signed and dated Partner letter
- may have as its source the Indian Self-Determination and Educational Assistance Act, P.L. 93-638, of 1975
- must not be of Federal origin (money from the National Fish and Wildlife Foundation and U.S. Fish and Wildlife Service's Federal Aid program are of Federal origin)
- must not have been used to match other Federal grants, including grants from the National Fish and Wildlife Foundation and U.S. Fish and Wildlife Service
- may include monitoring and evaluation costs, only if results will be used to improve wetlands conservation activities at project sites during the project period
- may be donated title to real property where the donation increases resource values of the proposal or protection or management of wetlands and migratory bird values
- may be the fair rental value of loaned equipment
- may be easement stewardship or endowment costs
- may have incurred prior to grant execution such as:
 - 1. appraisal fees, acquisition negotiations, land acquisition legal costs;
 - 2. boundary surveys;
 - 3. engineering and project design;
 - 4. required state and Federal compliance activities;
 - 5. travel and transportation;
 - 6. consulting fees; and/or
 - 7. special studies.

<u>Additional Eligible Costs</u>: Grant and matching funds may be used to pay for or have as their source project expenses directly associated with land acquisition (fee-title, conservation easement, lease or donation), long-term wetland restoration, enhancement, or wetlands creation. Expenses must be:

- necessary and reasonable for the proper administration of the project;
- documented and verifiable from the grantee's and sub-grantees' records;
- representative of fair market value (in the case of acquisitions, the appraised value);
- a special expense caused by the project;
- the result of work done on-site(s) and:
 - o within the same wetlands system (e.g., watershed or river basin), and/or
 - o managed to meet the same wetland objectives, and/or
 - o that are close to each other:
- distinctly identified as an undivided interest of the total acres involved when part of a larger project supported with non-match funds; and
- salary and labor of employees hired to manage the project after the grant agreement is developed.

Grant and matching funds may be used to pay for or have as their source the following project expenses:

- equipment expenses that are pro-rated;
- material and supply costs;

- previous monitoring and/or evaluation of wetlands conservation activities if the results are critical to the design of a submitted proposal; and
- initial management costs.

<u>Non-Matching Funds</u>: when funds that do not qualify as NAWCA match, including money from other Federal agencies, are used to accomplish mutual and/or complementary objectives, these funds may be included in the final proposal but must be noted throughout the proposal as non-match funds.

Ineligible Grant Costs:

- Work completed prior to submission of the proposal <u>completed projects/activities are not</u> eligible for retroactive funding
- Stewardship costs
- Evaluation costs
- Interests on a loan
- Proposal administrative salary costs incurred prior to grant execution **are not** eligible for grant funding
- Costs related to enrollment of participants in other Federal conservation programs

Ineligible Grant and Match Costs:

- Unless a Grant or Match cost is explicitly allowed, the cost should be assumed to be ineligible unless otherwise informed in writing by USFWS/DBHC.
- Actions that will put credits into wetlands mitigation banks;
- Mitigation activity required by Federal, state, or local wetland regulations. Federal mitigation activity includes compliance under the Fish and Wildlife Coordination Act of 1934, as amended, or the Water Resources Development Act of 1986, as amended. This includes mitigation required by the U.S. Army Corps of Engineers related to development or management of water resources (such as, but not limited to, Section 404 of the Federal Water Pollution Control Act or Section 10 of the Rivers and Harbors Act), actions to benefit fish and wildlife resources that are required as part of a settlement or relicensing of an energy project under the Federal Power Act, compensation required under the Federal Water Projects Recreation Act, and others that may not be listed here. Contact us if you are unsure.
- Funds that have been successfully used to match another Federal grant. This restriction includes Federal aid to states grants (i.e., State Wildlife Grants); Coastal Wetlands Planning, Protection, and Restoration Act grants; Endangered Species Act grants, Partners for Fish and Wildlife (private lands) grants, and others. Please contact us if you are unsure.
- Exxon Valdez Oil Spill (EVOS) funds
- Contingencies
- Routine expenses of the contributor
- Salaries and travel expenses for permanent, full time Federal employees
- Conservation education materials or salaries
- Project planning and proposal development, including experiments, studies, or other investigations to document the project's resource value
- Non-proposal specific communication products
- Fundraising
- Law enforcement
- Research
- Boat ramps, parking lots, roads, and other public access work

- Observation towers and blinds
- Routine operations and maintenance salaries and costs
- Building construction, repairs, and value of donated property
- The value of existing residences, structures, and buildings unnecessary for wetland conservation purposes and the cost to construct, remove, or repair same
- Acquisition of vehicles (note all-terrain vehicles are considered equipment if the acquisition cost is more than \$5,000 per unit)
- Acquisition of tractors and other equipment if it would be more cost effective to rent, lease, or use equipment on hand;
- Loss of income (e.g., lost grazing revenue)
- Costs over the appraised value for fee-title and easement acquisitions
- Short-term annual conservation activities, such as predator management
- Monitoring and inventory activities not specifically related to wetland conservation actions during the project period
- Land-owner incentive payments
- An easement that is subordinate to a mortgage or lien
- Unless your approved negotiated indirect costs rate agreement specifically allows it, indirect costs calculated on a base that includes the following are ineligible:
 - 1. Subgrants (subawards), major subcontracts, any in-kind match provided by a party other than the applicant.
 - 2. Non-match, in-kind match from partners other than the partner with the negotiated indirect costs rate agreement contributions from Federal agencies and other items that "distort" the cost base.
 - 3. The purchase price of interests in real property and the cost to put it into place, including legal and administrative fees associated directly with the transfer of the property.
 - 4. The purchase price of equipment with an acquisition cost of \$5,000 or more per unit and a useful life of more than one year (consistent with the recipient policy, lower limits may be established).

Appendix B: Sample Partner Contribution Statement

We will only accept properly formatted Partner Contribution Statements as verification of partner match. Submitting partner letters that do not follow the format in the guidelines will adversely affect the review of a proposal and may result in the contribution being considered as non-match.

NAWCA SMALL GRANT PARTNER CONTRIBUTION STATEMENT
What is the title of the proposal that you are contributing to?
What is the name of your organization (private landowners indicate "Private")?
When will you make the contribution?
What is the value of your contribution? Does the contribution have a non-Federal origin? If this is based on a fund raising event or other future action, if that future action fails, will you still provide the contribution amount?
What long-term migratory bird and wetlands conservation work will the contribution cover?
Does the proposal correctly describe your contribution, especially the amount?
If applicable to the proposal, is your organization competent to hold title to, and manage, land acquired with grant funds and are you willing to apply a Notice of Grant Agreement or other recordable document to the property?
Please confirm that your contribution has not been used to meet any other Federal programs match or cost share requirements.
Do you have any additional comments?
Signature:
Your Name (printed), Organization, and Title:
Date Signed:

Appendix C: Financial Plan Table Example

Category	NAWCA Grant Funds	<name of<br="">Partner #1></name>	<name of<br="">Partner #2></name>	Name of Partner #3	Expense per Category
Fee Acquired (100 acres)	\$28,000	\$12,000	\$10,000	\$10,000	\$60,000
Restoration (100 non add acres)	\$2,000		\$3,000		\$5,000
Other		\$5,000			\$5,000
TOTALS	\$30,000	\$17,000	\$13,000	\$10,000	\$70,000

Appendix D: BIRD CONSERVATION REGIONS AND QUESTION 2 PRIORITY NAWCA SPECIES

BCR 1 ALEUTIAN/BERING SEA	BCR 2 WESTERN ALASKA	BCR 3 ARCTIC PLAINS AND
ISLANDS		MOUNTAINS
Red-faced Cormorant	Red-throated Loon	Red-throated Loon
Pelagic Cormorant	Yellow-billed Loon	Yellow-billed Loon
Black Oystercatcher	Red-faced Cormorant	Whimbrel
Rock Sandpiper (ptilocnemis ssp.)	Pelagic Cormorant	Bar-tailed Godwit
Red-legged Kittiwake	Black Oystercatcher	Red Knot (roselaari ssp.)
Aleutian Tern	Solitary Sandpiper	Dunlin (arcticola ssp.)
Arctic Tern	Lesser Yellowlegs	Buff-breasted Sandpiper
Marbled Murrelet	Whimbrel	Arctic Tern
Kittlitz's Murrelet	Bristle-thighed Curlew	
Whiskered Auklet	Hudsonian Godwit	
	Bar-tailed Godwit	
	Marbled Godwit	
	Red Knot (roselaari ssp.)	
	Rock Sandpiper (ptilocnemis ssp.) (nb)	
	Dunlin (arcticola ssp.) (nb)	
	Short-billed Dowitcher	
	Aleutian Tern	
	Arctic Tern	
	Marbled Murrelet	
	Kittlitz's Murrelet	
BCR 4 NORTHWESTERN INTERIOR	BCR 5 NORTHERN PACIFIC	BCR 9 GREAT BASIN
FOREST	RAINFOREST	DOLLY GREAT BINGIN
Horned Grebe	Yellow-billed Loon (nb)	Eared Grebe (nb)
Solitary Sandpiper	Western Grebe (nb)	Bald Eagle
Lesser Yellowlegs	Red-faced Cormorant	Yellow Rail
Whimbrel	Pelagic Cormorant (<i>pelagicus</i> ssp.)	Snowy Plover
Bristle-thighed Curlew	Bald Eagle	Long-billed Curlew
Hudsonian Godwit	Black Oystercatcher	Marbled Godwit (nb)
Red Knot (roselaari ssp.)	Solitary Sandpiper (nb)	Yellow-billed Cuckoo
Rock Sandpiper (<i>ptilocnemis</i> ssp.) (nb)	Lesser Yellowlegs (nb)	Black Swift
Short-billed Dowitcher	Whimbrel (nb)	Calliope Hummingbird
Olive-sided Flycatcher	Long-billed Curlew (nb)	Lewis's Woodpecker
Rusty Blackbird	Hudsonian Godwit (nb)	Willow Flycatcher
Rusty Blackond	Marbled Godwit (nb)	Tricolored Blackbird
	Red Knot (<i>roselaari</i> ssp.) (nb)	Theorored Blackond
	Short-billed Dowitcher (nb)	
	Aleutian Tern	
	Caspian Tern	
	Arctic Tern	
	Marbled Murrelet	
	Kittlitz's Murrelet	
	Black Swift	
	Rufous Hummingbird	
	Olive-sided Flycatcher Willow Flycatcher	
	·	DCD 44 DODD 47 77 77 77 77 77
BCR 10 NORTHERN ROCKIES	BCR 11 PRAIRIE POTHOLES	BCR 12 BOREAL HARDWOOD
		TRANSITION
Bald Eagle	Horned Grebe	Pied-billed Grebe
Swainson's Hawk	American Bittern	Horned Grebe (nb)
Long-billed Curlew	Least Bittern	American Bittern
Yellow-billed Cuckoo	Bald Eagle	Bald Eagle
Black Swift	Swainson's Hawk	Yellow Rail

Tarana and a same	L	
Calliope Hummingbird	Yellow Rail	Solitary Sandpiper (nb)
Lewis's Woodpecker	King Rail	Whimbrel (nb)
Olive-sided Flycatcher	Solitary Sandpiper (nb)	Hudsonian Godwit (nb)
Willow Flycatcher	Long-billed Curlew	Marbled Godwit (nb)
· · · · · · · · · · · · · · · · · · ·	Hudsonian Godwit (nb)	Red Knot (rufa ssp.) (nb)
	Marbled Godwit	Buff-breasted Sandpiper (nb)
	Buff-breasted Sandpiper (nb)	Short-billed Dowitcher (nb)
	Short-billed Dowitcher (nb)	American Woodcock
	American Woodcock	Black Tern
	Black Tern	Common Tern
	Short-eared Owl	Red-headed Woodpecker
	Red-headed Woodpecker	Olive-sided Flycatcher
	Nelson's Sharp-tailed Sparrow	Wood Thrush
		Golden-winged Warbler
		Canada Warbler
		Henslow's Sparrow
		Rusty Blackbird
DOD 12 LOWED ODEATH AVECOR	DOD 14 ATL ANTIC MODITIEDM	
BCR 13 LOWER GREAT LAKES/ST.	BCR 14 ATLANTIC NORTHERN	BCR 15 SIERRA NEVADA
LAWRENCE PLAIN	FORESTS	
Pied-billed Grebe	Red-throated Loon (nb)	Bald Eagle
Horned Grebe (nb)	Pied-billed Grebe	Black Swift
American Bittern	Horned Grebe (nb)	Calliope Hummingbird
	` '	
Least Bittern	Great Cormorant (nb)	Lewis's Woodpecker
Black-crowned Night-Heron	American Bittern	Olive-sided Flycatcher
Bald Eagle	Least Bittern	Willow Flycatcher
King Rail	Snowy Egret	
Solitary Sandpiper (nb)	Bald Eagle	
Lesser Yellowlegs (nb)	Yellow Rail	
Whimbrel (nb)	Solitary Sandpiper (nb)	
Hudsonian Godwit (nb)	Lesser Yellowlegs (nb)	
Marbled Godwit (nb)	Whimbrel (nb)	
Red Knot (rufa ssp.) (nb)	Hudsonian Godwit (nb)	
Semipalmated Sandpiper (Eastern) (nb)	Red Knot (rufa ssp.) (nb)	
Buff-breasted Sandpiper (nb)	Semipalmated Sandpiper (Eastern) (nb)	
American Woodcock	Purple Sandpiper (nb)	
Black Tern	American Woodcock	
Common Tern	Arctic Tern	
Short-eared Owl (nb)	Olive-sided Flycatcher	
Red-headed Woodpecker	Wood Thrush	
Wood Thrush	Blue-winged Warbler	
Blue-winged Warbler	Canada Warbler	
Golden-winged Warbler	Nelson's Sharp-tailed Sparrow	
Cerulean Warbler	Saltmarsh Sharp-tailed Sparrow	
Canada Warbler	Rusty Blackbird	
Henslow's Sparrow		
BCR 16 SOUTHERN	BCR 17 BADLANDS AND PRAIRIES	BCR 18 SHORTGRASS PRAIRIE
ROCKIES/COLORADO PLATEAU	ZOR II DIDDINDO MID I RAINIED	Z OK 10 DITOKI GRADDI KAIRIE
		5.1.5
Gunnison Sage Grouse	Horned Grebe	Bald Eagle
American Bittern	American Bittern	Snowy Plover
Bald Eagle	Bald Eagle	Long-billed Curlew
Snowy Plover	Yellow Rail	Lewis's Woodpecker
Long-billed Curlew	Long-billed Curlew	Willow Flycatcher
		Bell's Vireo
Yellow-billed Cuckoo	Marbled Godwit	Bell's Vireo
Lewis's Woodpecker	Short-eared Owl	
Willow Flycatcher	Lewis's Woodpecker	
	Red-headed Woodpecker	
BCR 19 CENTRAL MIXED GRASS	BCR 20 EDWARDS PLATEAU	BCR 21 OAKS AND PRAIRIES
1		
PRAIRIE		
	Pold Foglo	Little Dlue Heren
Little Blue Heron	Bald Eagle	Little Blue Heron
Little Blue Heron Mississippi Kite	Long-billed Curlew (nb)	Swallow-tailed Kite
Bald Eagle	Long-billed Curlew (nb) Harris's Sparrow (nb)	
	Long-billed Curlew (nb)	Swallow-tailed Kite

King Rail		Long-billed Curlew (nb)
Snowy Plover		Hudsonian Godwit (nb)
Solitary Sandpiper (nb)		Buff-breasted Sandpiper (nb)
Long-billed Curlew		American Woodcock
Hudsonian Godwit (nb)		Red-headed Woodpecker
Marbled Godwit (nb)		Bell's Vireo
Buff-breasted Sandpiper (nb)		Swainson's Warbler
Short-billed Dowitcher (nb)		Henslow's Sparrow (nb)
Red-headed Woodpecker		Harris's Sparrow (nb)
Bell's Vireo		Orchard Oriole
Henslow's Sparrow		
Harris's Sparrow (nb)		
BCR 22 EASTERN TALLGRASS	BCR 23 PRAIRIE HARDWOOD	BCR 24 CENTRAL HARDWOODS
PRAIRIE	TRANSITION	Bek 24 certikae mad woods
Pied-billed Grebe	Pied-billed Grebe	D-14 E1-
		Bald Eagle
Horned Grebe (nb)	Horned Grebe (nb)	Black Rail
American Bittern	American Bittern	King Rail
Least Bittern	Bald Eagle	Solitary Sandpiper (nb)
Black-crowned Night-Heron	Yellow Rail	Buff-breasted Sandpiper (nb)
Bald Eagle	King Rail	American Woodcock
Black Rail	Solitary Sandpiper (nb)	Short-eared Owl (nb)
King Rail	Whimbrel (nb)	Red-headed Woodpecker
Solitary Sandpiper (nb)	Hudsonian Godwit (nb)	Bell's Vireo
Whimbrel (nb)	Marbled Godwit (nb)	Sedge Wren
Hudsonian Godwit (nb)	Red Knot (roselaari ssp.) (nb)	Wood Thrush
Marbled Godwit (nb)	Red Knot (rufa ssp.) (a) (nb)	Blue-winged Warbler
Red Knot (roselaari ssp.) (nb)	Buff-breasted Sandpiper (nb)	Cerulean Warbler
Red Knot (rufa ssp.) (a) (nb)	Short-billed Dowitcher (nb)	Swainson's Warbler
Buff-breasted Sandpiper (nb)	American Woodcock	Kentucky Warbler
Short-billed Dowitcher (nb)	Black Tern	Henslow's Sparrow
American Woodcock	Common Tern	LeConte's Sparrow (nb)
Black Tern	Short-eared Owl (nb)	Painted Bunting
Common Tern	Red-headed Woodpecker	Rusty Blackbird (nb)
Short-eared Owl (nb)	Willow Flycatcher	
Red-headed Woodpecker	Marsh Wren	
Acadian Flycatcher	Blue-winged Warbler	
Bell's Vireo	Golden-winged Warbler	
Wood Thrush	Cerulean Warbler	
Blue-winged Warbler	Henslow's Sparrow	
Cerulean Warbler	Bobolink	
Prothonotary Warbler	Rusty Blackbird (nb)	
Kentucky Warbler	reasty Blackona (no)	
Henslow's Sparrow		
Rusty Blackbird (nb)		
BCR 25 WEST GULF COASTAL PLAIN/	DCD 26 MICCICCIDDI ALLIUMAI	DCD 27 COLUMN ACTEDNI
	BCR 26 MISSISSIPPI ALLUVIAL	BCR 27 SOUTHEASTERN
OUACHITAS	VALLEY	COASTAL PLAIN
Least Bittern	American Bittern (nb)	Red-throated Loon
Little Blue Heron	Least Bittern	American Bittern (nb)
Swallow-tailed Kite	Swallow-tailed Kite	Least Bittern
Bald Eagle	Bald Eagle	Roseate Spoonbill (nb)
Yellow Rail (nb)	Yellow Rail (nb)	Swallow-tailed Kite
King Rail	Black Rail	Bald Eagle
Solitary Sandpiper (nb)	King Rail	Yellow Rail (nb)
Hudsonian Godwit (nb)	Solitary Sandpiper (nb)	Black Rail
Buff-breasted Sandpiper (nb)	Hudsonian Godwit (nb)	King Rail
American Woodcock	Marbled Godwit (nb)	Limpkin
Red-headed Woodpecker	Buff-breasted Sandpiper (nb)	Snowy Plover
Wood Thrush	Short-billed Dowitcher (nb)	Wilson's Plover
Cerulean Warbler	American Woodcock	American Oystercatcher
Prothonotary Warbler	Short-eared Owl (nb)	Solitary Sandpiper (nb)
Worm-eating Warbler	Red-headed Woodpecker	Upland Sandpiper (nb)
Swainson's Warbler	Sedge Wren (nb)	Whimbrel (nb)
Louisiana Waterthrush	Wood Thrush	Long-billed Curlew (nb)
Kentucky Warbler	Cerulean Warbler	Marbled Godwit (nb)
		(110)

Bachman's Sparrow Henslow's Sparrow (nb) Painted Bunting Orchard Oriole	Prothonotary Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow (nb) LeConte's Sparrow (nb) Painted Bunting Rusty Blackbird (nb) Orchard Oriole	Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb) Buff-breasted Sandpiper (nb) Short-billed Dowitcher (nb) American Woodcock Least Tern Gull-billed Tern Sandwich Tern Black Skimmer Red-headed Woodpecker Sedge Wren (nb) Wood Thrush Blue-winged Warbler Cerulean Warbler Prothonotary Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow LeConte's Sparrow (nb) Nelson's Sharp-tailed Sparrow (nb) Seaside Sparrow (c) Painted Bunting Rusty Blackbird (nb)
BCR 28 APPALACHIAN MOUNTAINS	BCR 29 PIEDMONT	BCR 30 NEW ENGLAND/MID-
		ATLANTIC COAST
Bald Eagle American Woodcock Red-headed Woodpecker Olive-sided Flycatcher Sedge Wren (nb) Wood Thrush Blue-winged Warbler Golden-winged Warbler Cerulean Warbler Swainson's Warbler Louisiana Waterthrush Kentucky Warbler Canada Warbler Henslow's Sparrow Rusty Blackbird (nb)	Bald Eagle Black Rail King Rail American Woodcock Short-eared Owl (nb) Sedge Wren Wood Thrush Blue-winged Warbler Cerulean Warbler Swainson's Warbler Kentucky Warbler Henslow's Sparrow Rusty Blackbird (nb)	Red-throated Loon (nb) Pied-billed Grebe Horned Grebe (nb) American Bittern Least Bittern Snowy Egret Bald Eagle Black Rail King Rail Wilson's Plover American Oystercatcher Solitary Sandpiper (nb) Lesser Yellowlegs (nb) Whimbrel (nb) Hudsonian Godwit (nb) Red Knot (rufa ssp.) (nb) Semipalmated Sandpiper (Eastern) (nb) Purple Sandpiper (nb) Buff-breasted Sandpiper (nb) Short-billed Dowitcher (nb) American Woodcock Least Tern Gull-billed Tern Black Skimmer Short-eared Owl (nb) Red-headed Woodpecker Sedge Wren Wood Thrush Blue-winged Warbler Golden-winged Warbler Golden-winged Warbler Kentucky Warbler Henslow's Sparrow Nelson's Sharp-tailed Sparrow Saltmarsh Sharp-tailed Sparrow Seaside Sparrow Rusty Blackbird (nb)

BCR 31 PENINSULAR FLORIDA	BCR 32 COASTAL CALIFORNIA	BCR 33 SONORAN AND MOJAVE DESERTS
Magnificent Frigatebird	Ashy Storm-Petrel	Least Bittern
American Bittern (nb)	Bald Eagle	Bald Eagle
Least Bittern	Yellow Rail (nb)	Black Rail
Reddish Egret	Black Rail	Snowy Plover
Roseate Spoonbill	Snowy Plover	Long-billed Curlew (nb)
Swallow-tailed Kite	Black Oystercatcher	Marbled Godwit (nb)
Bald Eagle	Whimbrel (nb)	Red Knot (roselaari ssp.) (nb)
Yellow Rail (nb)	Long-billed Curlew (nb)	Gull-billed Tern
Black Rail	Marbled Godwit (nb)	Black Skimmer
King Rail	Red Knot (roselaari ssp.) (nb)	Yellow-billed Cuckoo
Limpkin	Short-billed Dowitcher (nb)	Elf Owl
Snowy Plover	Gull-billed Tern	Bell's Vireo
Wilson's Plover	Black Skimmer	Lucy's Warbler
American Oystercatcher	Xantus's Murrelet	Yellow Warbler (sonorana ssp.)
Solitary Sandpiper (nb)	Cassin's Auklet	Lawrence's Goldfinch
Lesser Yellowlegs (nb)	Yellow-billed Cuckoo	Edwichee's Goldmen
Whimbrel (nb)	Black Swift	
Long-billed Curlew (nb)	Allen's Hummingbird	
Marbled Godwit (nb)	Lewis's Woodpecker	
Red Knot (rufa ssp.) (nb)	Yellow Warbler (brewsteri ssp.)	
Semipalmated Sandpiper (Eastern) (nb)	Common Yellowthroat (sinuosa ssp.)	
Buff-breasted Sandpiper (Eastern) (nb)	Song Sparrow (graminea ssp.)	
Short-billed Dowitcher (nb)		
` '	Song Sparrow (maxillaris ssp.)	
American Woodcock (nb)	Song Sparrow (pusillula ssp.)	
Least Tern	Song Sparrow (samuelis ssp.)	
Black Skimmer	Tricolored Blackbird	
White-crowned Pigeon	Lawrence's Goldfinch	
Mangrove Cuckoo		
Red-headed Woodpecker		
Black-whiskered Vireo		
Yellow Warbler (gundlachi ssp.)		
Prothonotary Warbler		
Henslow's Sparrow (nb)		
Nelson's Sharp-tailed Sparrow (nb)		
Saltmarsh Sharp-tailed Sparrow (nb)		
Seaside Sparrow (c)		
Painted Bunting (nb)		
BCR 34 SIERRA MADRE OCCIDENTAL	BCR 35 CHIHUAHUAN DESERT	BCR 36 TAMAULIPAN BRUSHLANDS
Bald Eagle	Bald Eagle	Swainson's Hawk
Common Black-Hawk	Common Black-Hawk	Snowy Plover
Yellow-billed Cuckoo	Snowy Plover	Solitary Sandpiper (nb)
Elf Owl	Long-billed Curlew (nb)	Lesser Yellowlegs (nb)
Elegant Trogon	Yellow-billed Cuckoo	Long-billed Curlew (nb)
Lewis's Woodpecker	Elf Owl	Gull-billed Tern
Northern Beardless-Tyrannulet	Bell's Vireo	Red-billed Pigeon
Bell's Vireo	Yellow Warbler (sonorana ssp.)	Elf Owl
Phainopepla	Red-faced Warbler	Northern Beardless-Tyrannulet
Lucy's Warbler	Varied Bunting	Bell's Vireo
Yellow Warbler (sonorana ssp.)	Painted Bunting Painted Bunting	Varied Bunting
Red-faced Warbler	annes Bulling	Painted Bunting
Varied Bunting		Audubon's Oriole
BCR 37 GULF COAST PRAIRIE	BCR 67 HAWAII	PUERTO RICO AND VIRGIN
	BCR 6/ HAWAII	ISLANDS
American Bittern	Laysan Albatross	West Indian Whistling-Duck
Least Bittern	Black-footed Albatross	White-cheeked Pintail
Reddish Egret	Christmas Shearwater	Masked Duck
Swallow-tailed Kite	Band-rumped Storm-Petrel	Ruddy Duck (jamaicensis ssp.)
Bald Eagle	Tristram's Storm-Petrel	Audubon's Shearwater
Yellow Rail (nb)	Bristle-thighed Curlew (nb)	Masked Booby
Black Rail	Short-eared Owl	Brown Booby
King Rail	Short calca on i	Red-footed Booby
ixing ixuli	1	rea rocka boody

Snowy Plover	Magnificent Frigatebird
Wilson's Plover	Least Bittern
American Oystercatcher	American Flamingo
Solitary Sandpiper (nb)	Black Rail
Lesser Yellowlegs (nb)	Yellow-breasted Crake
Upland Sandpiper (nb)	Caribbean Coot
Whimbrel (nb)	Limpkin
Long-billed Curlew	Snowy Plover
Hudsonian Godwit (nb)	Wilson's Plover
Marbled Godwit (nb)	American Oystercatcher
Red Knot (roselaari ssp.) (nb)	Red Knot (rufa ssp.) (nb)
Red Knot (rufa ssp.) (a) (nb)	Semipalmated Sandpiper (Eastern) (nb)
Buff-breasted Sandpiper (nb)	White-crowned Pigeon
Short-billed Dowitcher (nb)	
American Woodcock (nb)	
Least Tern	
Gull-billed Tern	
Sandwich Tern	
Black Skimmer	
Short-eared Owl (nb)	
Sedge Wren (nb)	
Prothonotary Warbler	
Swainson's Warbler	
Henslow's Sparrow (nb)	
LeConte's Sparrow (nb)	
Nelson's Sharp-tailed Sparrow (nb)	
Seaside Sparrow (c)	
Painted Bunting	

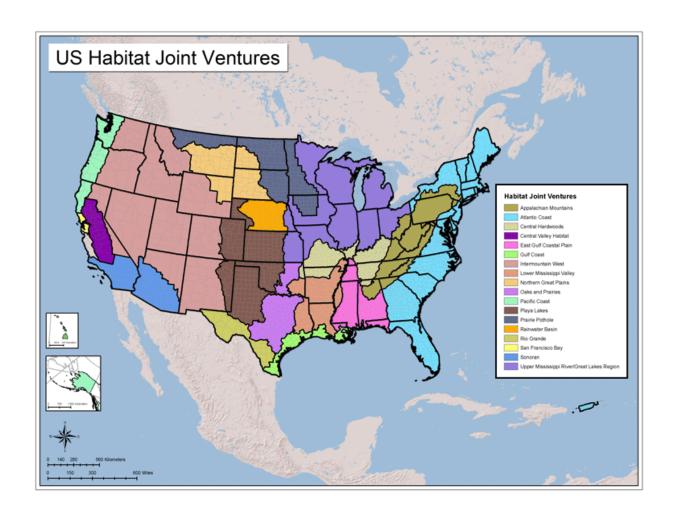
Appendix E: Wetlands Types

Estuarine Subtidal Aquatic Bed Riverine Tidal Commendated Bottom Richard Subtidal Open Water Richard Subtidal Richard	E	Estuarine	PUB	Palustrine Unconsolidated Bottom
E1AB Estuarine Subtidal Aquatic Bed R Riverine E1RB Estuarine Subtidal Rock Bottom R1 Riverine Tidal Aquatic Bed E1RF Estuarine Subtidal Rock Bottom R1 RIP E1RF Estuarine Subtidal Reef R1EM E1RF Estuarine Intertidal R1EM E2AB Estuarine Intertidal Aquatic Bed R1RS E2AB Estuarine Intertidal Aquatic Bed R1RS E2EM Estuarine Intertidal Forested R1RS E2FO Estuarine Intertidal Forested R1US E2FO Estuarine Intertidal Reef R1US E2RF Estuarine Intertidal Streambed R2 Riverine Lower Perennial Aquatic Bed E2SB Estuarine Intertidal Streambed R2 Riverine Lower Perennial Aquatic Bed E2SS Estuarine Intertidal Unconsolidated Shore R2 Riverine Lower Perennial Aquatic Bed L1 Lacustrine Limnetic R2 RIVER L1 Lacustrine Limnetic Aquatic Bed R2 RIVER L10W Lacustrine Limnetic Open Water R2 RIVER L1B Lacustrine Littoral Aquatic Bed R3 Riverine Upper Perennial Aquat				
E1OW Estuarine Subtidal Rock Bottom R1 AB Riverine Tidal Aquatic Bed E1RF Estuarine Subtidal Rock Bottom R1AB Riverine Tidal Emergent E1UB Estuarine Subtidal Unconsolidated Bottom R1CW Riverine Tidal Copen Water E2 Estuarine Intertidal Emergent R1RB Riverine Tidal Rock Sottom E2EM Estuarine Intertidal Emergent R1SB Riverine Tidal Streambed E2FO Estuarine Intertidal Forested R1UB Riverine Tidal Unconsolidated Bottom E2RF Estuarine Intertidal Rocky Shore R2 Riverine Lower Perennial Aguatic Bed E2RS Estuarine Intertidal Scrub-Shrub R2 Riverine Lower Perennial Aguatic Bed E2SS Estuarine Intertidal Unconsolidated Shore R2AB Riverine Lower Perennial Aguatic Bed L1 Lacustrine Limnetic R2RB Riverine Lower Perennial Rock Sottom L1 Aguatirie Limnetic Copen Water R2RS Riverine Lower Perennial Rock Sottom L1 Aguatirie Limnetic Rock Bottom R3 Riverine Lower Perennial Rock Sottom L1 Aguatirie Littoral Limnetic Rock Bottom R3 Riverine Upper Perennial Pupper Perennial Rock Sottom<				
E1RB Estuarine Subtidal Reef R1AB Riverine Tidal Aquatic Bed E1UB Estuarine Subtidal Unconsolidated Bottom R1BM Riverine Tidal Open Water E2 Estuarine Intertidal R1RB Riverine Tidal Open Water E2AB Estuarine Intertidal Emergent R1RS Riverine Tidal Rocks Bottom E2FO Estuarine Intertidal Emergent R1RS Riverine Tidal Unconsolidated Bottom E2FO Estuarine Intertidal Emergent R1S Riverine Tidal Unconsolidated Bottom E2RF Estuarine Intertidal Rocky Shore R2 Riverine Lower Perennial Consolidated Shore E2RS Estuarine Intertidal Scrub-Shrub R2AB Riverine Lower Perennial Aquatic Bed E2SS Estuarine Intertidal Unconsolidated Shore R2AB Riverine Lower Perennial Popen Water L Lacustrine Limnetic R2AB Riverine Lower Perennial Rock Bottom L1 Lacustrine Limnetic Aquatic Bed R2UB Riverine Lower Perennial Rock Bottom L1B Lacustrine Littoral Marcic Bok Bottom R3AB Riverine Upper Perennial Unconsolidated Shore L2B Lacustrine Littoral Aquatic Bed R3RB <td></td> <td></td> <td></td> <td></td>				
EIRF Estuarine Subtidal Reef RIEM Riverine Tidal Emergent E2 Estuarine Intertidal RI RB Riverine Tidal Open Water E2AB Estuarine Intertidal Aquatic Bed RI RB Riverine Tidal Rock Bottom E2EM Estuarine Intertidal Emergent RI SB Riverine Tidal Streambed E2FO Estuarine Intertidal Reef RI UB Riverine Tidal Unconsolidated Shore E2RF Estuarine Intertidal Reef RI US Riverine Lower Perennial E2RS Estuarine Intertidal Streambed R2 Riverine Lower Perennial Aquatic Bed E2SS Estuarine Intertidal Streambed R2AB Riverine Lower Perennial Aquatic Bed E2SS Estuarine Intertidal Streambed R2AB Riverine Lower Perennial Aquatic Bed E2US Estuarine Intertidal Streambed R2AB Riverine Lower Perennial Open Water E2US Estuarine Limmetic R2B Riverine Lower Perennial Rock Bottom L1 Acustrine Limmetic Aquatic Bed R2US Riverine Lower Perennial Rock Softom L1 Acustrine Limmetic Acyabit Bed R3AB Riverine Upper Perennial Valuatic Bed L2 Acustrine Littoral Acyabit				
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E2Estuarine IntertidalR.I.RBRiverine Tidal Rock BottomE2ABEstuarine Intertidal EmergentR.I.RSRiverine Tidal StreambedE2FOEstuarine Intertidal ForestedR.I.USRiverine Tidal Unconsolidated BottomE2RFEstuarine Intertidal Rocky ShoreR.2Riverine Tidal Unconsolidated ShoreE2RSEstuarine Intertidal Rocky ShoreR.2Riverine Lower PerennialE2SBEstuarine Intertidal StreambedR.2ABRiverine Lower Perennial Gent Lower Perennial EmergentE2SSEstuarine Intertidal Unconsolidated ShoreR.2ABRiverine Lower Perennial Gent Gent Gent Gent Gent Gent Gent Gent				
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L1Lacustrine LimneticR2RSRiverine Lower Perennial Rocky ShoreL1ABLacustrine Limnetic Aquatic BedR2UBRiverine Lower Perennial UnconsolidatedL1OWLacustrine Limnetic Open WaterR2USBottomL1RBLacustrine Limnetic Rock BottomR3Riverine Lower Perennial Unconsolidated ShoreL1UBLacustrine Limnetic Unconsolidated BottomR3ABRiverine Upper Perennial Unconsolidated BottomL2Lacustrine Littoral Aquatic BedR3RBRiverine Upper Perennial Aquatic BedL2BMLacustrine Littoral EmergentR3RSRiverine Upper Perennial Open WaterL2DWLacustrine Littoral Open WaterR3UBRiverine Upper Perennial Rocky ShoreL2RBLacustrine Littoral Rock BottomR3USRiverine Upper Perennial UnconsolidatedL2RSLacustrine Littoral Unconsolidated BottomR4BottomL2UBLacustrine Littoral Unconsolidated BottomR4ABRiverine Upper Perennial Unconsolidated ShoreMMarineR4RBRiverine Intermittent Aquatic BedM1ABMarine Subtidal Aquatic BedR4RBRiverine Intermittent Aquatic BedM1ABMarine Subtidal Aquatic BedR4SBRiverine Intermittent Rock BottomM1RFMarine Subtidal Rock BottomR4USRiverine Intermittent Rock BottomM1RFMarine Subtidal Rock BottomR5ABRiverine Intermittent Unconsolidated BottomM1RFMarine IntertidalR5OWRiverine Unknown Aquatic BedM2ABMarine Intertidal Rocky ShoreR5RBRiverine Unknown Ro				
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L1OWLacustrine Limnetic Open WaterR2 USBottomL1RBLacustrine Limnetic Rock BottomR3Riverine Lower Perennial Unconsolidated ShoreL1UBLacustrine Litmetic Unconsolidated BottomR3ABRiverine Upper PerennialL2Lacustrine LittoralR3OWRiverine Upper Perennial Aquatic BedL2ABLacustrine Littoral EmergentR3RBRiverine Upper Perennial Open WaterL2DWLacustrine Littoral Open WaterR3UBRiverine Upper Perennial Rock BottomL2RBLacustrine Littoral Rock BottomR3UBRiverine Upper Perennial UnconsolidatedL2RSLacustrine Littoral Unconsolidated BottomR4ABRiverine Upper Perennial Unconsolidated ShoreL2UBLacustrine Littoral Unconsolidated ShoreR4ABRiverine Upper Perennial Unconsolidated ShoreMMarineR4ABRiverine Upper Perennial Unconsolidated ShoreM1 Marine SubtidalR4RSRiverine IntermittentM1 Marine Subtidal Aquatic BedR4RSRiverine Intermittent Aquatic BedM1 M1 Marine Subtidal Open WaterR4UBRiverine Intermittent Rock ShoreM1RFMarine Subtidal Rock BottomR4UBRiverine Intermittent Unconsolidated BottomM1RFMarine Subtidal Rock BottomR5ABRiverine Intermittent Unconsolidated ShoreM2Marine IntertidalR5OWRiverine Unknown PerennialM2ABMarine Intertidal Rocky ShoreR5BRiverine Unknown Open WaterM2RFMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rocky ShoreM2B <t< td=""><td>L1AB</td><td></td><td>R2UB</td><td></td></t<>	L1AB		R2UB	
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L2ABLacustrine Littoral Aquatic BedR3RBRiverine Upper Perennial Open WaterL2EMLacustrine Littoral EmergentR3RSRiverine Upper Perennial Rock BottomL2OWLacustrine Littoral Core NaterR3USRiverine Upper Perennial Rocky ShoreL2RBLacustrine Littoral Rock BottomR3USRiverine Upper Perennial UnconsolidatedL2RSLacustrine Littoral Unconsolidated BottomR4ABBottomL2UBLacustrine Littoral Unconsolidated ShoreR4OWRiverine Upper Perennial Unconsolidated ShoreL2USLacustrine Littoral Unconsolidated ShoreR4OWRiverine IntermittentMMarineR4RBRiverine Intermittent Aquatic BedM1Marine SubtidalR4RSRiverine Intermittent Open WaterM1ABMarine Subtidal Aquatic BedR4SBRiverine Intermittent Rock BottomM1RBMarine Subtidal Rock BottomR4USRiverine Intermittent StreambedM1RFMarine Subtidal ReefR5Riverine Intermittent Unconsolidated BottomM1UBMarine IntertidalR5ABRiverine Unknown PerennialM2ABMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal Rocky ShoreR5USRiverine Unknown Aquatic BedM2RSMarine Intertidal Rocky ShoreR5USRiverine Unknown Rock BottomM2USMarine Intertidal Rocky ShoreR5USRiverine Unknown Unconsolidated ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated ShorePFOPalustrin	L2	Lacustrine Littoral	R3OW	
L2EMLacustrine Littoral EmergentR3RSRiverine Upper Perennial Rock BottomL2OWLacustrine Littoral Open WaterR3UBRiverine Upper Perennial Rocky ShoreL2RBLacustrine Littoral Rock BottomR3USRiverine Upper Perennial UnconsolidatedL2RSLacustrine Littoral Rocky ShoreR4BottomL2UBLacustrine Littoral Unconsolidated BottomR4ABRiverine Upper Perennial Unconsolidated ShoreL2USLacustrine Littoral Unconsolidated ShoreR4OWRiverine IntermittentMMarineR4RBRiverine Intermittent Open WaterM1Marine SubtidalR4RSRiverine Intermittent Open WaterM1ABMarine Subtidal Aquatic BedR4SBRiverine Intermittent Rock BottomM1RBMarine Subtidal Rock BottomR4USRiverine Intermittent Rocky ShoreM1RFMarine Subtidal ReefR5Riverine Intermittent Unconsolidated BottomM1UBMarine Subtidal Unconsolidated BottomR5ABRiverine Intermittent Unconsolidated ShoreM2Marine IntertidalR5OWRiverine Unknown PerennialM2ABMarine Intertidal ReefR5RSRiverine Unknown Aquatic BedM2RSMarine Intertidal Rocky ShoreR5USRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Unconsolidated BottomPABPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFO		Lacustrine Littoral Aquatic Bed		
L2OWLacustrine Littoral Open WaterR3UBRiverine Upper Perennial Rocky ShoreL2RBLacustrine Littoral Rock BottomR3USRiverine Upper Perennial UnconsolidatedL2RSLacustrine Littoral Rocky ShoreR4BottomL2UBLacustrine Littoral Unconsolidated BottomR4ABRiverine Upper Perennial Unconsolidated ShoreL2USLacustrine Littoral Unconsolidated ShoreR4OWRiverine IntermittentMMarineR4RBRiverine Intermittent Aquatic BedM1Marine SubtidalR4RSRiverine Intermittent Open WaterM1ABMarine Subtidal Open WaterR4UBRiverine Intermittent Rocky ShoreM1RBMarine Subtidal Rock BottomR4USRiverine Intermittent StreambedM1RFMarine Subtidal ReefR5Riverine Intermittent Unconsolidated BottomM1UBMarine Subtidal Unconsolidated BottomR5ABRiverine Intermittent Unconsolidated ShoreM2Marine IntertidalR5OWRiverine Unknown PerennialM2ABMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal Rocky ShoreR5RBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine EmergentRp1EMRiverine Unknown Unconsolidated BottomPFOPalustrine EmergentRp1S6RiparianLotic EmergentPOWPalustrine Ope	L2EM		R3RS	
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L2UBLacustrine Littoral Unconsolidated BottomR4ABRiverine Upper Perennial Unconsolidated ShoreL2USLacustrine Littoral Unconsolidated ShoreR4OWRiverine IntermittentMMarineR4RBRiverine Intermittent Aquatic BedM1Marine SubtidalR4RSRiverine Intermittent Open WaterM1ABMarine Subtidal Aquatic BedR4SBRiverine Intermittent Rock BottomM1OWMarine Subtidal Open WaterR4UBRiverine Intermittent Rocky ShoreM1RBMarine Subtidal Rock BottomR4USRiverine Intermittent StreambedM1RFMarine Subtidal Unconsolidated BottomR5ABRiverine Intermittent Unconsolidated BottomM1UBMarine Subtidal Unconsolidated BottomR5ABRiverine Unknown PerennialM2ABMarine IntertidalR5OWRiverine Unknown Aquatic BedM2RFMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Rock BottomRp2EMRiparian Lotic ForestedPRBPalustrine Rock Bottom	L2RB		R3US	
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MMarineR4RBRiverine Intermittent Aquatic BedM1Marine SubtidalR4RSRiverine Intermittent Open WaterM1ABMarine Subtidal Aquatic BedR4SBRiverine Intermittent Rock BottomM1OWMarine Subtidal Open WaterR4UBRiverine Intermittent Rocky ShoreM1RBMarine Subtidal Rock BottomR4USRiverine Intermittent StreambedM1RFMarine Subtidal ReefR5Riverine Intermittent Unconsolidated BottomM1UBMarine Subtidal Unconsolidated BottomR5ABRiverine Intermittent Unconsolidated ShoreM2Marine IntertidalR5OWRiverine Unknown PerennialM2ABMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal Rocky ShoreR5UBRiverine Unknown Open WaterM2RSMarine Intertidal Unconsolidated ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5UBRiverine Unknown Unconsolidated BottomPABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine Moss-LichenRp1EMRiverine Unknown Unconsolidated ShorePMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	L2UB	Lacustrine Littoral Unconsolidated Bottom	R4AB	Riverine Upper Perennial Unconsolidated Shore
M1Marine SubtidalR4RSRiverine Intermittent Open WaterM1ABMarine Subtidal Aquatic BedR4SBRiverine Intermittent Rock BottomM1OWMarine Subtidal Open WaterR4UBRiverine Intermittent Rocky ShoreM1RBMarine Subtidal Rock BottomR4USRiverine Intermittent StreambedM1RFMarine Subtidal ReefR5Riverine Intermittent Unconsolidated BottomM1UBMarine Subtidal Unconsolidated BottomR5ABRiverine Intermittent Unconsolidated ShoreM2Marine IntertidalR5OWRiverine Unknown PerennialM2ABMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal ReefR5RSRiverine Unknown Open WaterM2RSMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	L2US	Lacustrine Littoral Unconsolidated Shore	R4OW	Riverine Intermittent
M1ABMarine Subtidal Aquatic BedR4SBRiverine Intermittent Rock BottomM1OWMarine Subtidal Open WaterR4UBRiverine Intermittent Rocky ShoreM1RBMarine Subtidal Rock BottomR4USRiverine Intermittent StreambedM1RFMarine Subtidal ReefR5Riverine Intermittent Unconsolidated BottomM1UBMarine Subtidal Unconsolidated BottomR5ABRiverine Intermittent Unconsolidated ShoreM2Marine IntertidalR5OWRiverine Unknown PerennialM2ABMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	M	Marine	R4RB	Riverine Intermittent Aquatic Bed
M1OWMarine Subtidal Open WaterR4UBRiverine Intermittent Rocky ShoreM1RBMarine Subtidal Rock BottomR4USRiverine Intermittent StreambedM1RFMarine Subtidal ReefR5Riverine Intermittent Unconsolidated BottomM1UBMarine Subtidal Unconsolidated BottomR5ABRiverine Intermittent Unconsolidated ShoreM2Marine IntertidalR5OWRiverine Unknown PerennialM2ABMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal ReefR5RSRiverine Unknown Open WaterM2RSMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	M1	Marine Subtidal	R4RS	Riverine Intermittent Open Water
M1RBMarine Subtidal Rock BottomR4USRiverine Intermittent StreambedM1RFMarine Subtidal ReefR5Riverine Intermittent Unconsolidated BottomM1UBMarine Subtidal Unconsolidated BottomR5ABRiverine Intermittent Unconsolidated ShoreM2Marine IntertidalR5OWRiverine Unknown PerennialM2ABMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal ReefR5RSRiverine Unknown Open WaterM2RSMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	M1AB	Marine Subtidal Aquatic Bed	R4SB	Riverine Intermittent Rock Bottom
M1RFMarine Subtidal ReefR5Riverine Intermittent Unconsolidated BottomM1UBMarine Subtidal Unconsolidated BottomR5ABRiverine Intermittent Unconsolidated ShoreM2Marine IntertidalR5OWRiverine Unknown PerennialM2ABMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal ReefR5RSRiverine Unknown Open WaterM2RSMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Unconsolidated BottomPABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	M10W	Marine Subtidal Open Water	R4UB	Riverine Intermittent Rocky Shore
M1UBMarine Subtidal Unconsolidated BottomR5ABRiverine Intermittent Unconsolidated ShoreM2Marine IntertidalR5OWRiverine Unknown PerennialM2ABMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal ReefR5RSRiverine Unknown Open WaterM2RSMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	M1RB	Marine Subtidal Rock Bottom	R4US	Riverine Intermittent Streambed
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M2ABMarine Intertidal Aquatic BedR5RBRiverine Unknown Aquatic BedM2RFMarine Intertidal ReefR5RSRiverine Unknown Open WaterM2RSMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	M1UB	Marine Subtidal Unconsolidated Bottom	R5AB	Riverine Intermittent Unconsolidated Shore
M2RFMarine Intertidal ReefR5RSRiverine Unknown Open WaterM2RSMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	M2	Marine Intertidal	R5OW	Riverine Unknown Perennial
M2RSMarine Intertidal Rocky ShoreR5UBRiverine Unknown Rock BottomM2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	M2AB	Marine Intertidal Aquatic Bed	R5RB	Riverine Unknown Aquatic Bed
M2USMarine Intertidal Unconsolidated ShoreR5USRiverine Unknown Rocky ShorePABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	M2RF	Marine Intertidal Reef	R5RS	Riverine Unknown Open Water
PABPalustrine Aquatic BedRpRiverine Unknown Unconsolidated BottomPEMPalustrine EmergentRp1EMRiverine Unknown Unconsolidated ShorePFOPalustrine ForestedRp1FO6RiparianPMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	M2RS	Marine Intertidal Rocky Shore	R5UB	Riverine Unknown Rock Bottom
PEM Palustrine Emergent Rp1EM Riverine Unknown Unconsolidated Shore PFO Palustrine Forested Rp1FO6 Riparian PML Palustrine Moss-Lichen Rp1SS6 Riparian Lotic Emergent POW Palustrine Open Water Rp2EM Riparian Lotic Forested PRB Palustrine Rock Bottom Rp2FO6 Riparian Lotic Scrub-Shrub	M2US	Marine Intertidal Unconsolidated Shore	R5US	
PFO Palustrine Forested Rp1FO6 Riparian PML Palustrine Moss-Lichen Rp1SS6 Riparian Lotic Emergent POW Palustrine Open Water Rp2EM Riparian Lotic Forested PRB Palustrine Rock Bottom Rp2FO6 Riparian Lotic Scrub-Shrub	PAB	Palustrine Aquatic Bed	Rp	Riverine Unknown Unconsolidated Bottom
PMLPalustrine Moss-LichenRp1SS6Riparian Lotic EmergentPOWPalustrine Open WaterRp2EMRiparian Lotic ForestedPRBPalustrine Rock BottomRp2FO6Riparian Lotic Scrub-Shrub	PEM	Palustrine Emergent	Rp1EM	Riverine Unknown Unconsolidated Shore
POW Palustrine Open Water Rp2EM Riparian Lotic Forested PRB Palustrine Rock Bottom Rp2FO6 Riparian Lotic Scrub-Shrub			Rp1FO6	Riparian
PRB Palustrine Rock Bottom Rp2FO6 Riparian Lotic Scrub-Shrub				
		-		
PSS Palustrine Scrub-Shrub Rp2SS6 Riparian Lentic Emergent				
	PSS	Palustrine Scrub-Shrub	Rp2SS6	Riparian Lentic Emergent

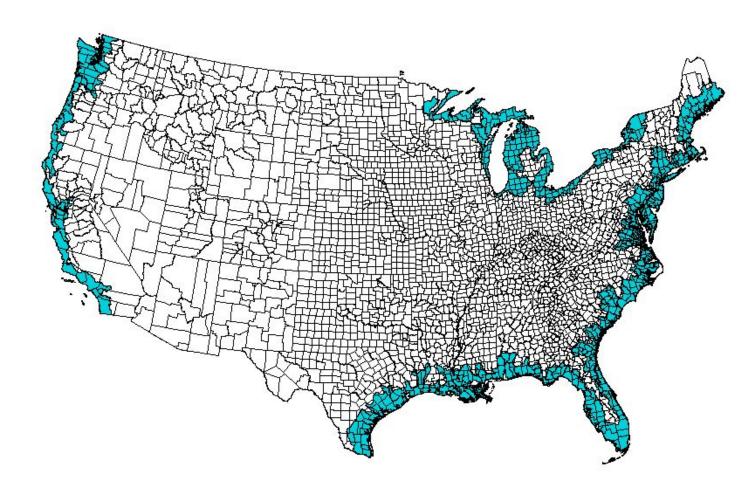
Appendix F: Joint Venture Administrative Areas

Map can also be found at the URL:

http://www.fws.gov/birds/management/bird-conservation-partnership-and-initiatives/migratory-bird-joint-ventures/joint-venture-directory.php



Appendix G: Areas Classified as Coastal Zones (blue)



Appendix H: Application for Federal Assistance (SF424) & Assurances for Construction Programs Form (SF424D)

*Due to the implementation of the Department of Interior Financial and Business Management System (FBMS), all proposal SF 424 and SF 424D forms must be submitted through Grants.gov. *These forms should also be attached at the end of your proposal and submitted with the one PDF version.

- All applicants EXCEPT the U. S, Fish and Wildlife Service must send a SF424 form and SF424D Assurances form with the proposal. All Federal grant recipients must comply with the laws listed on the Assurances form.
- The two forms can be accessed on the Grants.gov website at: http://www.grants.gov/web/grants/forms/sf-424-family.html#sortby=1

Application for Federal Assistance (SF-424). http://apply07.grants.gov/apply/forms/sample/SF424_2_1-V2.1.pdf

NOTE: Use the most current version of the SF424 form. We will only accept the updated form. It is necessary to obtain a DUNS number from Dun and Bradstreet in order to apply for any Federal grant. Instructions for obtaining a DUNS number are found at the grants.gov website above. The following instructions for completing the SF424 to accompany a NAWCA proposal supersede those on the back of the SF 424. **The address on the applicant SF424 must match the address associated with the DUNS number! Note: The address on an applicant's SF424 must match the address associated with DUNS number. The address on the 424 (#8d) must be the same as the address associated with the DUNS Number (#8c).**

CELL NUMBER and TITLE	INSTRUCTIONS
1. Type of Submission	Check "Application"
2. Type of Application	Check "New "
3. Date Received	Leave blank
4. Applicant Identifier	Leave blank.
5. a. Employer Identification	Leave blank
5 .b. Federal Award Identifier	New applications leave blank.
6. Date Received by State	Leave blank
7. State Application Identifier	Leave blank
8. (a-e) – Applicant Information	See instructions *DUNS # required
9. Type of Applicant	See instructions
10 - Name of Federal Agency	Enter "U.S. Fish and Wildlife Service"
11 - Catalog of Federal Domestic Assistance Number and	Enter "15.623" and "NAWCA U.S. SMALL GRANTS"
Title	
12. Funding Opportunity Number/Title:	Enter "15.623" and "NAWCA U.S. SMALL GRANTS"
13. Competition Identification Number/Title:	Leave blank
14 – Areas Affected by Project	Enter only information for "Counties and States".
15. Descriptive Title of Applicant's Project	Enter title used in Part 1 of proposal.
16 - Congressional Districts of Applicant/Project	See instructions
17. Proposed Project Start and End Dates	May 2015- May 2017

CELL NUMBER and TITLE	INSTRUCTIONS
18 – Estimated Funding	Do not include non-match \$. In "a", only include NAWCA
	grant \$. In "b-e", only include matching partner \$. For "e-
	Other ", include private organizations, etc. Leave "f-
	program income" blank.
19 – Is Application Subject to Review by State EO 12372	Only applicable to states. Please visit:
Process?	www.whitehouse.gov/omb/grants_spoc
20 – Is Applicant Delinquent on any Federal Debt?	See instructions
21 – Authorized Representative	SIGNATURE AND DATE REQUIRED by the authorized
	representative of the applicant organization. We will not
	accept a typed signature. Please scan signed document or
	insert an electronic signature and send electronically as part
	of the proposal application. Downloads from Grants.gov
	must also be signed as noted.

Assurances for Construction Programs (SF-424D) (Rev. 7-97). The SF424 Assurances for Construction Projects are required for all NAWCA projects (all projects that involve acquisition, restoration, or enhancement are considered construction projects). All Federal grant recipients must comply with the laws listed on the Assurances form, http://apply07.grants.gov/apply/forms/sample/SF424D-V1.1.pdf.